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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	--
Filing Date	--
First Named Inventor	Greenberg
Group Art Unit	--
Examiner Name	--
Attorney Docket Number	S100-DIV3

10/03/96 10/03/96 11/09/01

10/03/96 11/09/01

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		4,717,581		Robblee	1/5/88	
		2,760,483		Tassicker	8/28/56	
		3,699,970		Brindley, et al.	10/24/72	
		4,041,955		Kelly, et al.	8/16/77	
		4,628,933		Michelson	12/16/86	
		4,666,765		Caldwell, et al.	5/19/87	
		4,721,551		Byers, et al.	1/26/88	
		4,819,647		Byers, et al.	4/11/89	
		4,837,049		Byers, et al.	6/6/89	
		4,969,468		Byers, et al.	11/13/90	
		4,991,582		Byers, et al.	2/12/91	
		5,016,633		Chow	5/21/91	
		5,109,844		de Juan, Jr. et al.	5/5/92	
		5,215,088		Normann, et al.	6/1/93	
		5,314,458		Najafi, et al.	5/24/94	
		5,397,350		Chow, et al.	3/14/95	
		5,556,423		Chow, et al.	9/17/96	
		5,569,307		Schulman, et al.	10/29/96	
		5,601,617		Loeb, et al.	2/11/97	
		5,751,359		Suzuki, et al.	5/12/98	

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#2/EDS**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
			WO 81/01512		Stover	6/11/81		

Examiner  
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)  Sheet <u>2</u> of <u>3</u>			<b>Complete if Known</b>	
			Application Number	--
			Filing Date	--
			First Named Inventor	Greenberg
			Group Art Unit	--
			Examiner Name	--
			Attorney Docket Number	S100-DIV3

<b>OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	✓	"Hardware Architecture of a Neural Net Based Retina Implant for Patients Suffering from Retinitis Pigmentosa" M Schwarz, et al. 1996 IEEE International Conference on Neural Networks	
	✓	"Development of a Silicon Retinal Implant" J. Mann, et al. Abstract appeared in Investigative Ophthalmology and Visual Science, col. 35, No. 4, April 1994, p. 1380.	
	✓	"Novel Thin Film Titanium Nitride Micro-Electrodes with Excellent Charge Transfer Capability for Cell Stimulation and Sensing Applications", M. Janders et al. Proceeding of the 18th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, paper 1.6.1, Amsterdam 1996	
	✓	"Effects of Electrical Stimulation of the Visual Cortex" G.S. Brindly, Human Neurobiology, Spring 1982.	
	✓	"Current Density Profiles of Surface Mounted and Recessed Electrodes for Neural Prostheses" Rubinstein, et al. IEEE Transactions on Biomedical Engineering, November, 1987.	
	✓	"Toward an Artificial Eye" IEEE Spectrum, May 1996.	
	✓	"Reduction of Electrical Interaction in Auditory Prostheses", Brent Townshend and Robert L. White, IEEE Transactions on Biomedical Engineering Vol. BME-34, No. 11, November 1987.	
	✓	"A Method of Determining the Driving Currents for Focused Stimulation in the Cochlea", Kristin L. Rodenhiser and Francis A. Spelman, IEEE Transactions on Biomedical Engineering, Vol. 42, No. 4, April 1995.	
	✓	"Theory and Design of Capacitor Electrodes for Chronic Stimulation", David L. Guyton and F. Terry Hambrecht, Medical and Biological Engineering, September 1974.	
	✓	"Protective Coating of Integrated Circuits for Operation in Corrosive Environments" E.J. Charlson et al. Materials Research Society Proceedings Vol. 154, 1988.	

Examiner Signature	Date Considered
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<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>S100-DIV</b>		SERIAL NO. --			
				FILING		GROUP			
<b>U.S. PATENT DOCUMENTS</b>									
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
		5,755,759	5/26/98	Gogan					
		5,876,424	3/2/99	O'Phelan, et al.					
		5,895,415	4/20/99	Chow, et al.					
		5,935,155	8/10/99	Humayun, et al.					
		6,008,980	12/28/99	Stevenson, et al.					
		6,043,437	3/28/00	Schulman, et al.					
		6,115,634	9/5/00	Donders, et al.					
		6,120,538	9/19/00	Rizzo, III, et al.					
		6,259,937	7/10/01	Schulman, et al.					
<b>FOREIGN PATENT DOCUMENTS</b>									
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>									
EXAMINER				DATE CONSIDERED					

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